



From R&D to Implementation and Operation of Bridge Project



Purpose

- Identify all the areas in LCS requiring change management, ongoing support and training to support an operational S1000D environment.

Accomplishments

- AIM, SCO Workbench exchange S1000D data with CSDB.
- S1000D outputs to SCORM & mobile.
- Data management web service locates impacted data.
- MK50 and Q20 data converted
- CONOPs developed.
- Sample integrated data SOW developed.
- IDA cost benefit analysis shows S1000D save money for LCS and Navy.

Lessons Learned

- Hard to get input from OEMs and programs about training development and practices.
- Security issues are hard to solve.

Implementation Gaps / Transition Needs

- Infrastructure
 - CSDB, AIM, SCO Workbench, API, Product Data Identification Service, Toolkit
- Training
 - S1000D based ISD, training content configuration, content development tools
- Develop and test use case workflows for integrated data environment.
- Dept of Navy Policy



Areas to Consider: Change Management



- Description of the operational paradigm shift.
 - We need to understand how training is currently developed.
- Change management factors in the shift.
 - Personnel need to learn new skills, support systems (hardware and software) need to be set up to support new requirements.
- Change management success factors.
 - Top level discussion with dept heads, senior personnel



Areas to Consider: Training



- Areas of new knowledge, skills and practices
 - This should be based on a job task analysis
- Examples of new training required for implementation and operation of Bridge.
 - AIM interface training
 - SCO workbench interface training
 - Integrated front-end analysis
 - LDM and SCPM training
 - DMRL development training
 - New or tweaked ISD modes in an S1000D environment
 - ECP web service training



Specific Questions Going Forward



- Security: How will NAVSSES, NAVAIR & NETC achieve ATO status?
- Approval Authority (Val/Ver): Does integrated data impact existing approval authority?
- Conversion: What amount of LCS tech data and training be converted to S1000D?
- Funding: Who provides support for S1000D, software and infrastructure updates?
- Funding: Who provides support for training development and execution?



Identify a Bridge Transition Plan from ADL/RTOC to Navy

